

Matthew Kwong

Frontend Engineer & System DBA

📍 Hong Kong

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RECENT EXPERIENCE

Frontend Engineer

Oct 2022 – Present | TecPal Ltd.

- Migrated Vue web apps from legacy WordPress API to RESTful API
- Implemented Vue web app features:
 - Authorization system
 - Shopping list

Programmer (Business and Administrative Systems)

May 2022 – Sep 2022 | EDPS Limited | Seconded to Hospital Authority

- Maintained, enhanced, and managed ha.org.hk and several intranet web apps, serving 100+ staff and 7M+ Hong Kong residents
- Planned and finalized web app OS and DB migration within 1 week

Programmer (Database Management System) | Aug 2021 – May 2022

Junior Programmer (Database Management System) | Jul 2019 – Aug 2021

EDPS Limited | Seconded to Hospital Authority

- Participated in conducting DB knowledge-sharing sessions for 100+ audience
- Initiated and maintained a Bitrix24 site to manage training materials, guidelines, and documentation, boosting working efficiency by 20%
- Designed and developed a DB health check system using React, Express, and MySQL to facilitate SRE and reduce system recovery time
- Supported and guided 10+ application teams on MySQL deployment and maintenance
- Designed and developed a web app using React, Express, and MySQL to visualize database CPU utilization which led to a 30% increase in productivity
- POC on data virtualization with Delphix DataOps platform supporting 3 types of DB and 50+ DB instances
- Implemented a Java-based database password management application supporting 3 types of DB
- Implemented time off application system using React, Express, and MySQL, serving 20+ team members and cutting down admin work by 90%

EDUCATION

Master of Science in Information Systems Management

2022 – Present | Hong Kong University of Science and Technology

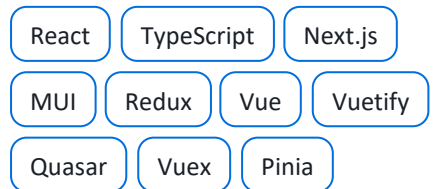
Bachelor of Engineering in Computer Science

Second Class Honours (Division One)

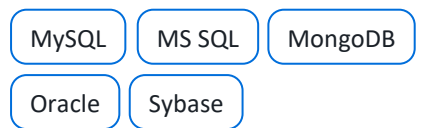
2015 – 2019 | The University of Hong Kong

KEY SKILLS

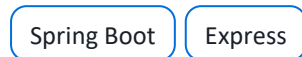
Frontend



Database



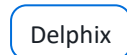
Backend



Quality Assurance



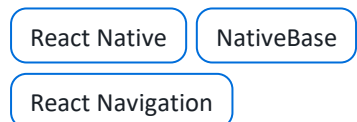
DataOps



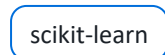
Cloud



Mobile



Machine Learning



LANGUAGES

Cantonese Native
English Full professional
Mandarin Full professional